

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-37

WASTE DISCHARGE REQUIREMENTS
FOR
MONT LA SALLE VINEYARDS
THE CHRISTIAN BROTHERS
SOUTH ST. HELENA WINERY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. Mont La Salle Vineyards submitted a report of waste discharge dated February 29, 1972 for the Christian Brothers South St. Helena Winery.
- B. That report describes an increase in quantity of waste discharge for waste "A" and "B" and a change in the character and method of disposal for waste "B" as follows:
 1. Waste "A" will increase from 0.0003 to 0.008 million gallons per day (mgd) of sewage only from 120 employees and about 1000 visitors per day. The waste will be discharged into 3 septic tanks and sub-surface leaching fields located about 300 feet Northwesterly, 200 feet south-easterly and 300 feet south of the winery.
 2. Waste "B" will increase from 0.001 to 0.037 mgd of industrial waste from wine making, including waste from crushing operations in addition to waste from storage and bottling operations. The waste will be discharged into three 1.5 mgd capacity aerated treatment lagoons, followed by a fourth of equal capacity used as a reclaimed water storage basin. The lagoons are located about 2500 feet north-easterly of the winery building.
 3. Treatment and storage of waste "B" will occur throughout the winter and the treated waste water reclaimed for landscape and vineyard irrigation on the property during the summer and spring. The annual irrigation demand exceeds 20 million gallons, while the annual waste flow is about 6 million gallons.
- C. The Board adopted an Interim Water Quality Control Plan for the San Francisco Bay Basin on June 14, 1971.
- D. The beneficial uses of the Upper Napa Valley Groundwater Basin are:
 1. Domestic water supply.
 2. Agricultural water supply.

- E. The beneficial uses of the Napa River downstream from the point of discharge are:

Wading

Sport fishing

Migratory routes for spawning runs of steelhead trout

Spawning and nursery areas for steelhead and rainbow trout

Agricultural water supply for stock watering and irrigation

Aesthetic enjoyment

- F. Land within 2000 feet of the discharge is used for agriculture, recreation, transportation and waste disposal.
- G. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
- H. The Board, in a public meeting on June 27, 1972 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, The Mont La Salle Vineyards shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste "A" or "B" shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The discharge of waste "A" or "B" shall not cause degradation of groundwater suitable for domestic or agricultural use.

B. Discharge Prohibitions

1. Overflow of waste "B" from the treatment lagoons or storage basin onto land which drains into the Napa River is prohibited.
2. Surface drainage, resulting from the application of reclaimed wastewater (waste "B") onto land for irrigation or other purposes, into the Napa River or tributaries thereof is prohibited.
3. Waste "A" shall be effectively contained beneath the ground surface at all times. The resurfacing of waste and drainage into surface waters is prohibited.

C. Provisions

1. This order includes items 1 and 6 of the attached "Reporting Requirements" dated August 28, 1970.
2. This order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 1970.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 27, 1972.

Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

August 28, 1970

REPORTING REQUIREMENTS

1. This Board requires the discharger to file technical reports on self-monitoring work performed according to detailed specifications developed pursuant to the Regional Board's Resolution No. 70-43. (Reference: Section 13267(b) and 13268, California Water Code.)
2. This Board requires the discharger to file a written report within 90 days after the average dry-weather waste flow for any month equals or exceeds 80% of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b) and 13268, California Water Code.)

3. This Board requires the discharger to file a time schedule for engineering studies on facilities needed to comply with the Board's receiving water objective of 5.0 mg/l of dissolved oxygen and/or to file a time schedule for deciding upon the feasibility of participating in regional water quality control systems, if he does not meet that dissolved oxygen objective after providing waste treatment facilities which comply with the effluent BOD requirement prescribed elsewhere in this Resolution. (Reference: Sections 13267(b) and 13268, California Water Code.)
4. This Board requires the discharger to file technical reports on studies into correcting violations of the Board's water quality objectives caused by discharging combined storm water and sewage. Specifications for these studies shall be developed pursuant to the Board's Resolution No. 70-43. (Reference: Sections 13267(b) and 13268, California Water Code.)
5. This Board requires the discharger to file written reports within 15 days after each calendar quarter to include:

Name of and number of lots in each subdivision for which an application has been received for connection to the sewerage system. Anticipated date of connection of each subdivision to the sewerage system.

Finding and supporting data by governing body on effect of addition of each subdivision on violation of waste discharge requirements.

(Reference: Section 11551.6 Business and Professions Code and Section 13267(b) and 13268, California Water Code.)

6. This Board requires the discharger to file a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge. (Reference: Sections 13260(b) and 13264, California Water Code.)
7. This Board requires the discharger to file a written technical report at least 15 days prior to advertising for bids on any construction project which would cause or aggravate the discharge of waste in violation of these requirements; said report to describe the nature, costs, and scheduling of all actions necessary to preclude such discharge. In no case should any discharge of sewage bearing wastes be permitted without at least primary treatment and chlorination. (Reference: Sections 13267(b) and 13268, California Water Code.)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

January 6, 1970

NOTIFICATIONS

1. This Board requests the discharger to take note of the comments and recommendations contained in all the correspondence the Board has received and considered concerning this matter, and the Executive Officer is directed to transmit copies of that correspondence to the discharger.
2. This Board considers "Waters of the State" as defined in Section 13050(e) of the California Water Code to include waste waters over which the discharger has lost control.
3. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under Federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
4. This Board will prescribe more restrictive requirements for this waste discharge if necessary:
 - To achieve or maintain dissolved oxygen concentration of at least 5.0 mg/l in tidal waters of the San Francisco Bay System pursuant to Resolution No. 67-30,
 - To protect shellfishing areas which the Board designates pursuant to Resolution No. 803,
 - To protect the beneficial water uses, and to achieve other objectives adopted in the resolutions cited above.
5. This Board will review these requirements periodically, as required by law, and will notify the responsible persons before doing so. (Reference: Section 13263(e), California Water Code.)
6. The water quality parameters used in this resolution are as defined in the latest edition of "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association.
7. The discharger is advised that this Board will use the general concepts of Phase I of the plan recommended by the Final San Francisco Bay-Delta Program Report as guidelines in reviewing any application for construction grants for sewerage facilities proposed to comply with these requirements, and if the discharger intends to make such application he must demonstrate the compatibility of the proposed facilities with the general concepts of the Bay-Delta Program.